

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented): An impregnated paper with a high penetration resistance to fats and oils, comprising:

a paper produced from strongly beaten pulps with a degree of beating of 15⁰SR to 90⁰SR, and internally sized with alkenyl succinic anhydride and/or alkyl ketene dimers (AKD) and/or resin sizes,

wherein said paper is impregnated with an impregnating liquor which contains a binder system of 80 to 100 parts by mass of water-soluble binders and 20 to 0 parts by mass of water-insoluble polymers in dispersion,

wherein said water-soluble binders are selected from ethylene-vinyl alcohol copolymers, acetalized ethylene-vinyl alcohol copolymers, acetalized polyvinyl alcohols, polyvinyl butyrals, cationically modified polyvinyl alcohols containing silanol groups, acetalized cationically modified polyvinyl alcohols containing acetalized silanol groups, polyvinyl alcohols containing carboxyl groups, and mixtures thereof.

2. (Previously Presented): A paper according to claim 1, wherein said paper contains 0.05 to 0.3 mass percent of alkenyl succinic anhydride for internal sizing.

3. (Previously Presented): A paper according to claim 1, wherein said impregnating liquor contains water-insoluble polymers in dispersion, and said polymers in dispersion are selected from the group comprising polyacrylonitriles, polyacrylates, polyvinyl acetates and polystyrene-polyacrylate copolymers.

4. (Previously Presented): A paper according to claim 1, wherein the water-soluble binders are selected from acetalized polyvinyl alcohols, polyvinyl butyrals, cationically modified polyvinyl alcohols containing silanol groups, acetalized cationically modified polyvinyl alcohols containing acetalized silanol groups, polyvinyl alcohols containing carboxyl groups, and mixtures thereof.

5. (Cancelled):

6. (Cancelled):

7. (Previously Presented): A paper according to claim 1, wherein the water-soluble binders additionally comprise at least one polyvinyl alcohol containing carboxyl groups and/or at least one compound selected from ethylene-vinyl alcohol copolymers, acetalized ethylene-vinyl alcohol copolymers, acetalized polyvinyl alcohols, cationically modified polyvinyl alcohols containing silanol groups, polyvinyl alcohols containing acetalized silanol groups, acetalized carboxyl groups, acetalized cationically modified polyvinyl alcohols, and polyvinyl butyral.

8. (Cancelled):

9. (Previously Presented): A paper according to claim 1, wherein the impregnating liquor contains a crosslinking agent.

10. (Previously Presented): A paper according to claim 9, wherein the crosslinking agent is glyoxal.

11. (Previously Presented): A paper according to claim 1, wherein the application weight of the impregnating liquor, calculated as dry substance, is 0.3 to 1.5 g/m² per side.

12. (Withdrawn): A process for the production of an impregnated paper according to claim 1, said process comprising:

- producing a raw paper of pulp, mechanical wood pulp or recycled waste paper with a degree of beating of 15 SR to 90 SR with internal sizing with alkenyl succinic anhydride and/or alkyl ketene dimers (ATD) and/or resin sizes, and
- impregnating this paper with an impregnating liquor containing a binder system of 80 to 100 parts by mass of water-soluble binders and 20 to 0 parts by mass of water-insoluble polymers in dispersion,

wherein said water-soluble binders are selected from ethylene-vinyl alcohol copolymers, acetalized ethylene-vinyl alcohol copolymers, acetalized polyvinyl alcohols, polyvinyl butyral, cationically modified polyvinyl alcohols containing silanol groups, acetalized cationically modified polyvinyl alcohols containing acetalized silanol groups, polyvinyl alcohols containing carboxyl groups, and mixtures thereof.

13. (Withdrawn): A process according to claim 12, wherein said impregnating liquor contains water-insoluble polymers in dispersion, and said polymers in dispersion are selected from polyacrylonitriles, polyacrylates, polyvinyl acetates, and polystyrene-polyacrylate copolymers.

14. (Withdrawn): A process according to claim 12, wherein the water-soluble binders are selected from ethylene-vinyl alcohol copolymers, polyvinyl butyral, and mixtures thereof.

15. (Withdrawn): A process according to claim 12, wherein the impregnation is carried out in a size press, film press or any other one of the known coating devices.

16. (Withdrawn): A process according to claim 12, wherein the sized raw paper is dried before impregnation to a dry matter content of 95 to 99%.

17. (Previously Presented): An impregnated paper according to claim 9, wherein the concentration of the crosslinking agent in the impregnating liquor is 2 to 15 mass percent, based on the total quantity of binder and crosslinking agent.

18. (Previously Presented): An impregnated paper according to claim 1, wherein the concentration of the impregnating liquor is between 2 and 15 mass percent of dry substance.

19. (Previously Presented): An impregnated paper according to claim 1, wherein the concentration of the impregnating liquor is between 5 and 7.5 mass percent of dry substance.

20. (Withdrawn): An impregnated paper with a high penetration resistance to fats and oils, wherein said paper is produced from strongly beaten pulps with a degree of beating of 15 °SR to 90 °SR, internal sized with alkenyl succinic anhydride and/or alkyl ketene dimers (AKD) and/or resin sizes and treated with an impregnating liquor which contains a binder system of 80 to 100 parts by mass of water-soluble binders and 20 to 0 parts by mass of water-insoluble polymers in dispersion,

wherein said water-soluble binders are selected from polyvinyl alcohols, ethylene-vinyl alcohol copolymers, acetalized ethylene-vinyl alcohol copolymers, acetalized polyvinyl alcohols, polyvinyl butyral, cationically modified polyvinyl alcohols containing silanol groups, acetalized cationically modified polyvinyl alcohols containing acetalized silanol groups, polyvinyl alcohols containing carboxyl groups, gelatin, galactomannans, alginates, carboxymethylcellulose, starches, and mixtures thereof,

the concentration of the impregnating liquor is between 2 and 15 mass percent of dry substance, and

the coating weight of the impregnating liquor, calculated as dry substance, is between 0.3 and 1.5 g/m² per side.

21. (Withdrawn): A process for the production of a paper comprising:

- producing a raw paper of pulp, mechanical wood pulp or recycled waste paper with a degree of beating of 15 SR to 90 SR with internal sizing with alkenyl succinic anhydride and/or alkyl ketene dimers (ATD) and/or resin sizes, and

- impregnating this paper with an impregnating liquor containing a binder system of 80 to 100 parts by mass of water-soluble binders and 20 to 0 parts by mass of water-insoluble polymers in dispersion, wherein said water-soluble binders are selected from polyvinyl alcohols, ethylene-vinyl alcohol copolymers, acetalized ethylene-vinyl alcohol copolymers, acetalized polyvinyl alcohols, polyvinyl butyral, cationically modified polyvinyl alcohols containing silanol groups, acetalized cationically modified polyvinyl alcohols containing acetalized silanol groups, polyvinyl alcohols containing carboxyl groups, gelatin, galactomannans, alginates, carboxymethylcellulose, starches, and mixtures thereof,

the concentration of the impregnating liquor is between 2 and 15 mass percent of dry substance, and

the coating weight of the impregnating liquor, calculated as dry substance, is between 0.3 and 1.5 g/m² per side.

22. (Previously Presented): An impregnated paper according to claim 1, wherein said paper has a penetration resistance to fats and oils of greater than 1800 s as determined by the Tappi T454 test method.

23. (Previously Presented): An impregnated paper according to claim 1, wherein said paper is not treated with fluorocarbons.

24. (Previously Presented): An impregnated paper according to claim 1, wherein said paper has a wet strength of 5 to 20%, determined according to DIN ISO 3781, without wet strength improving agents being added.

25. (Previously Presented): A paper according to claim 1, wherein the water-soluble binders are selected from acetalized polyvinyl alcohols, acetalized cationically modified polyvinyl alcohols containing acetalized silanol groups, and mixtures thereof.

26. (Previously Presented): A paper according to claim 1, wherein the water-soluble binders are selected from polyvinyl butyral and mixtures thereof.